

FIG. 1A

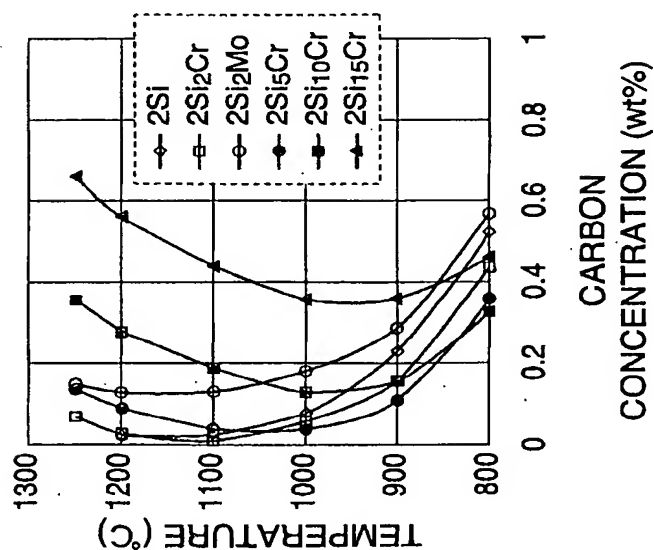


FIG. 1B

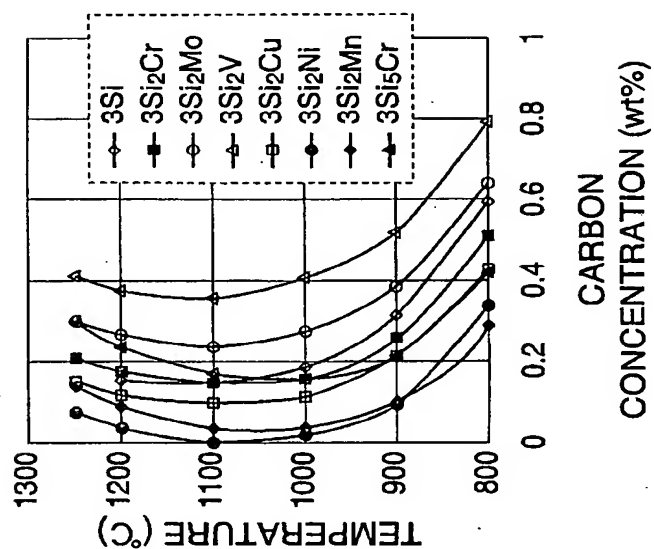
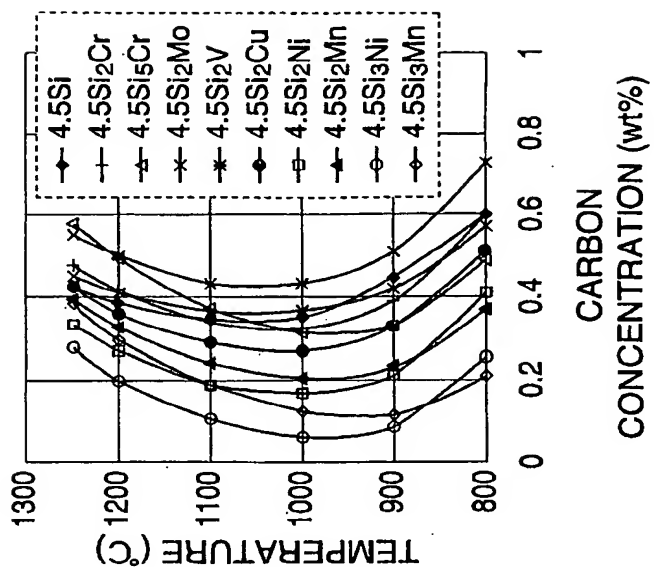


FIG. 1C



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FIG. 2A

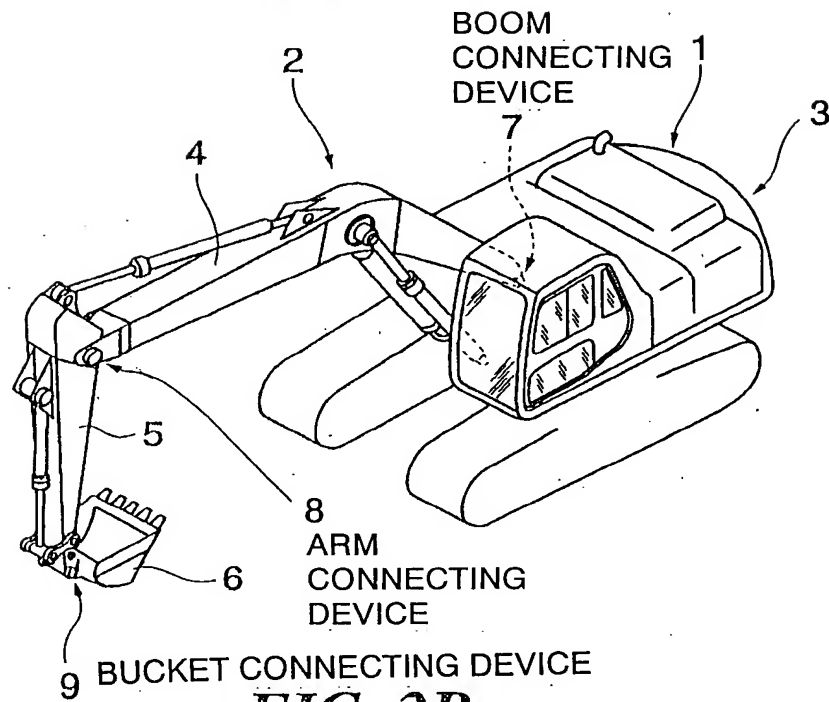
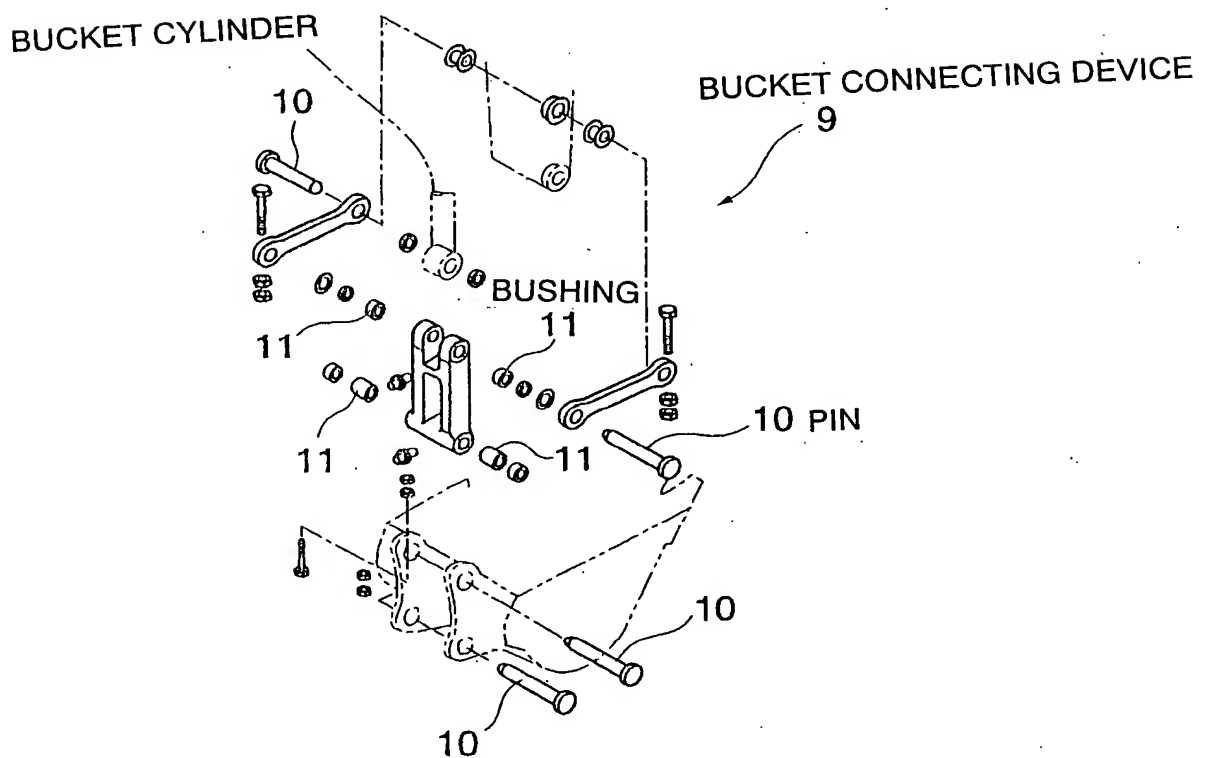
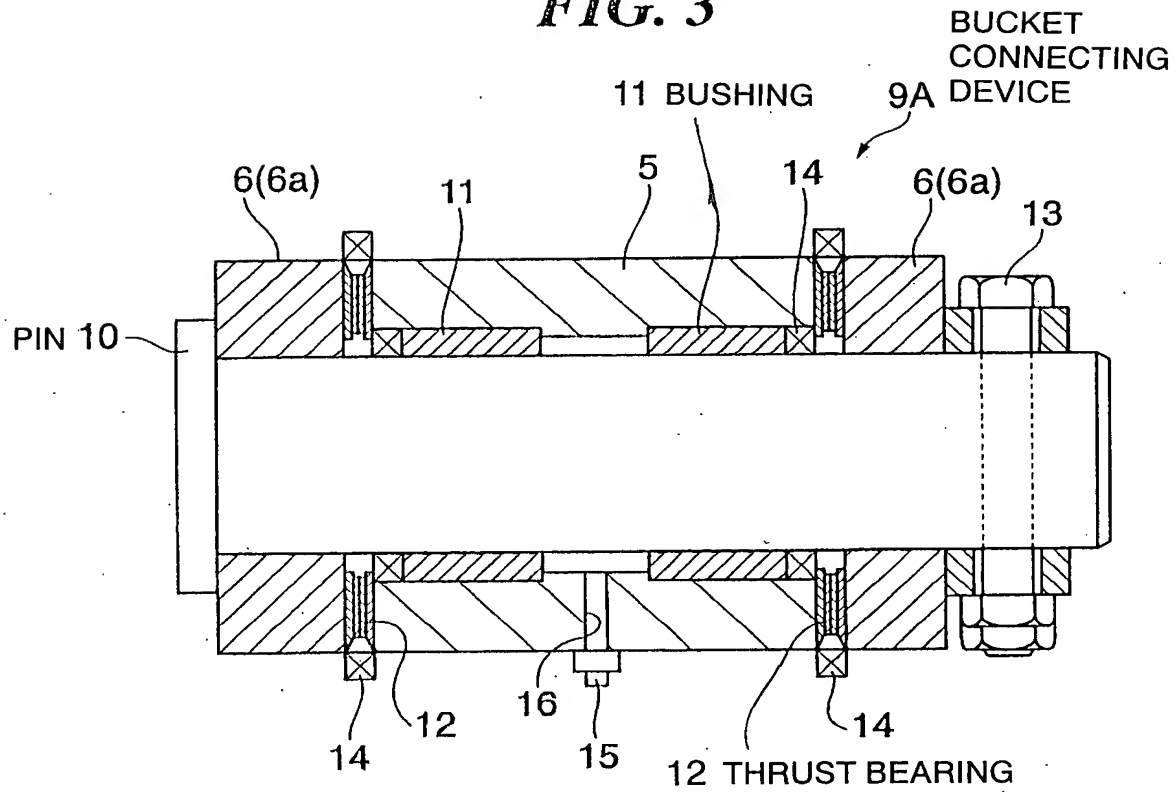


FIG. 2B



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FIG. 3



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FIG. 4A

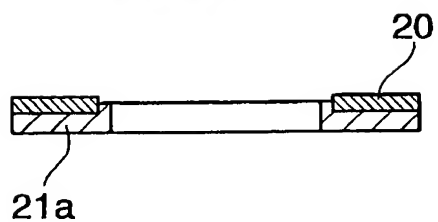


FIG. 4B

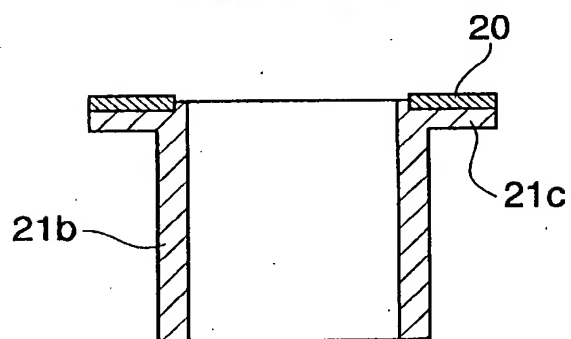
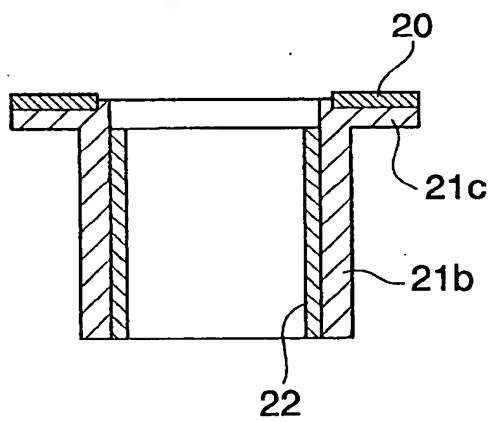


FIG. 4C



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FIG. 5A

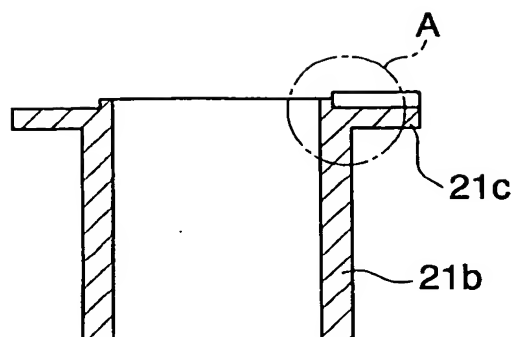


FIG. 5B

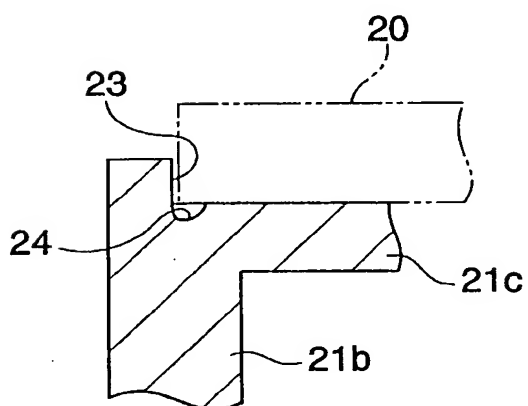
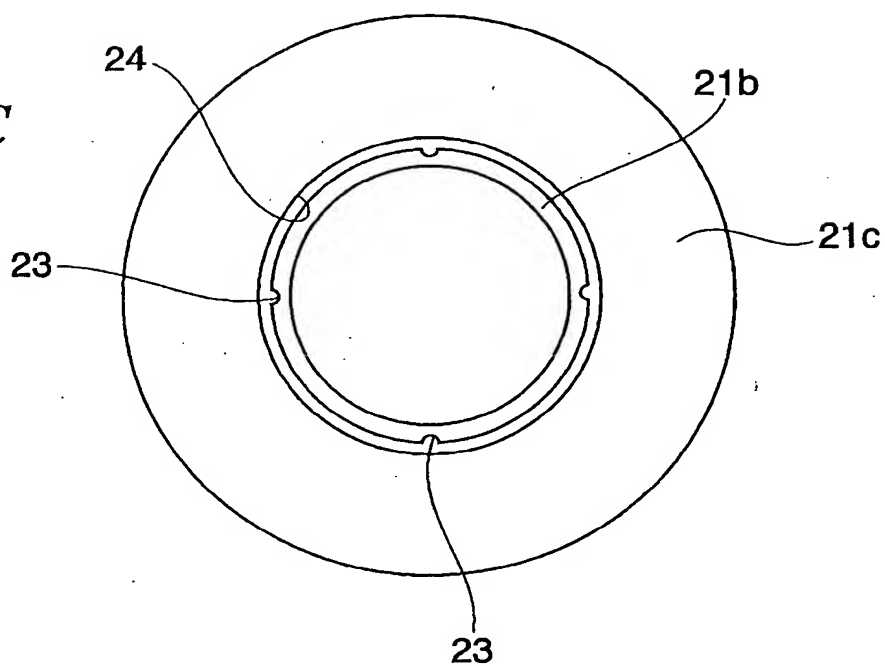
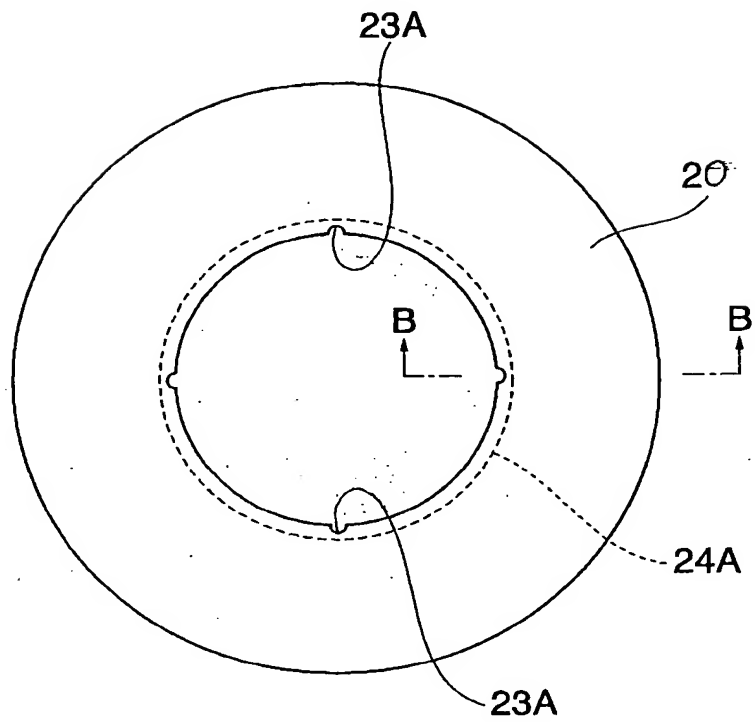
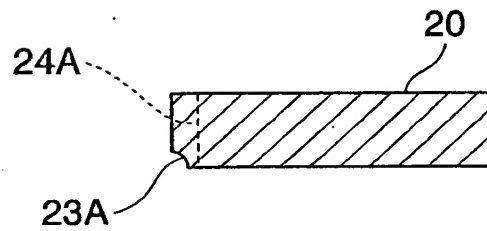


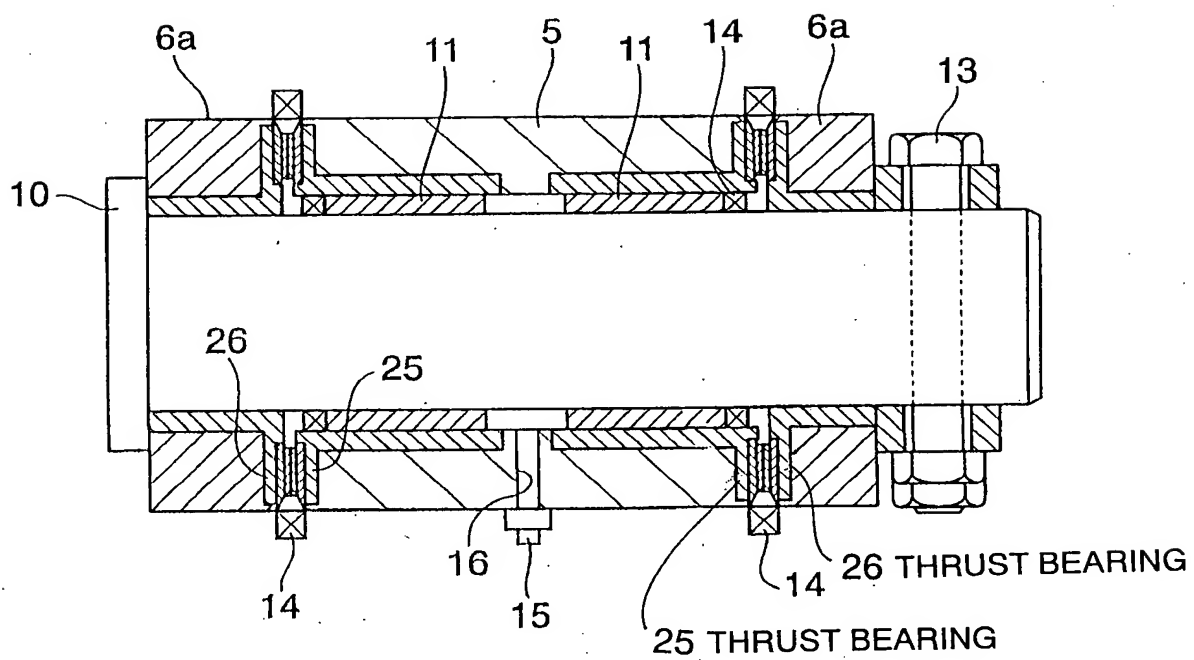
FIG. 5C



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FIG. 6A**FIG. 6B**

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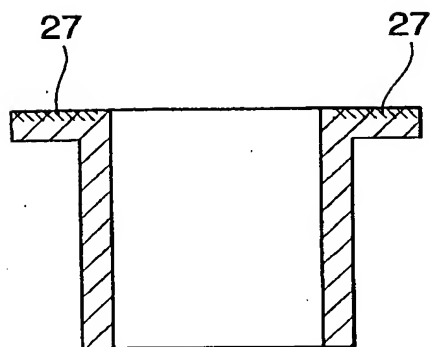
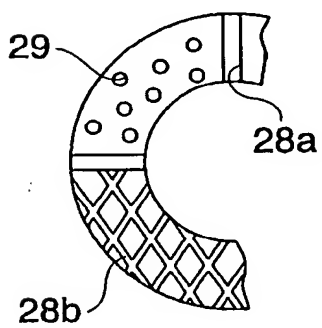
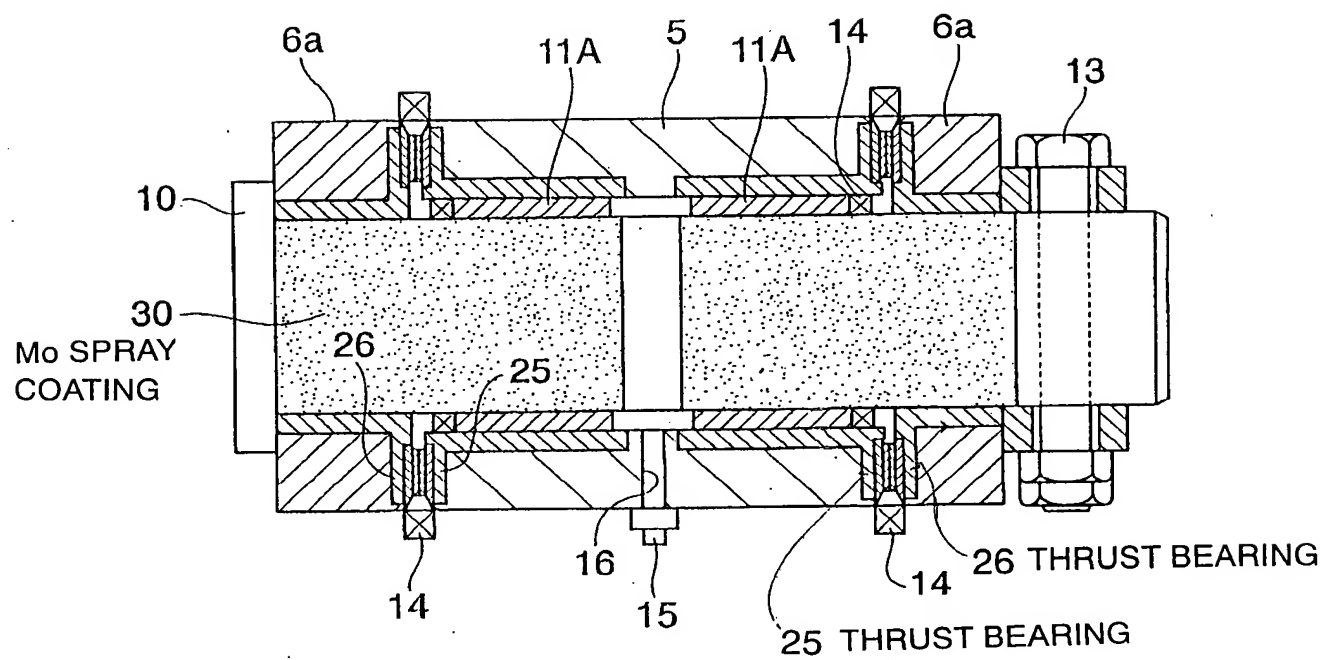
FIG. 8A**FIG. 8B**

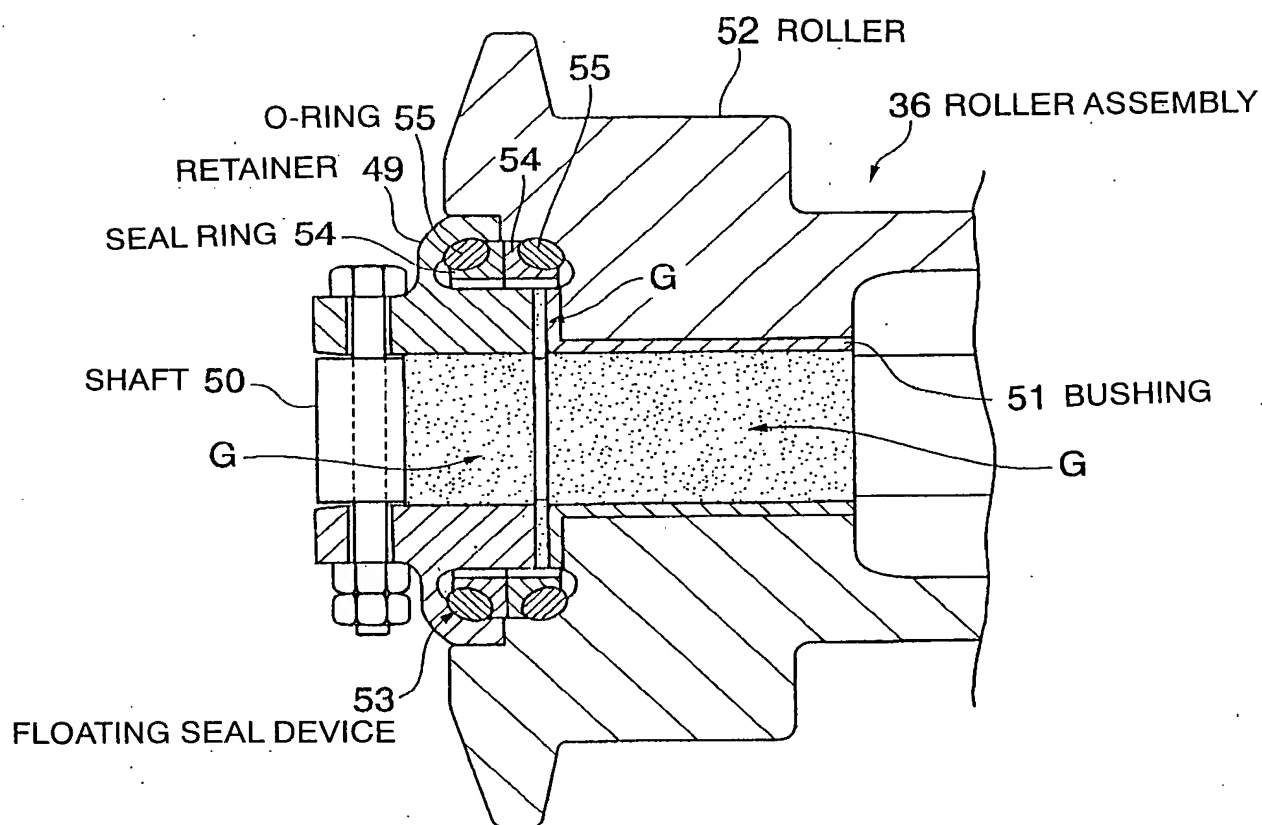
FIG. 9



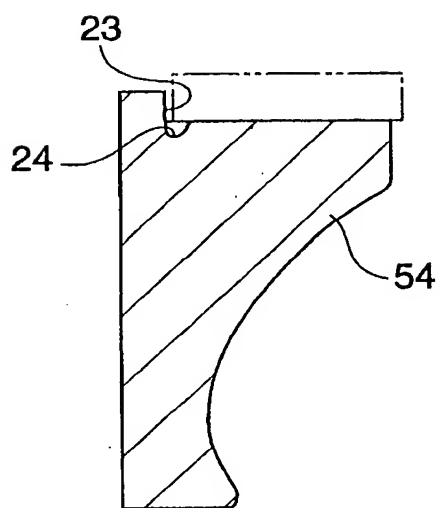
A



+

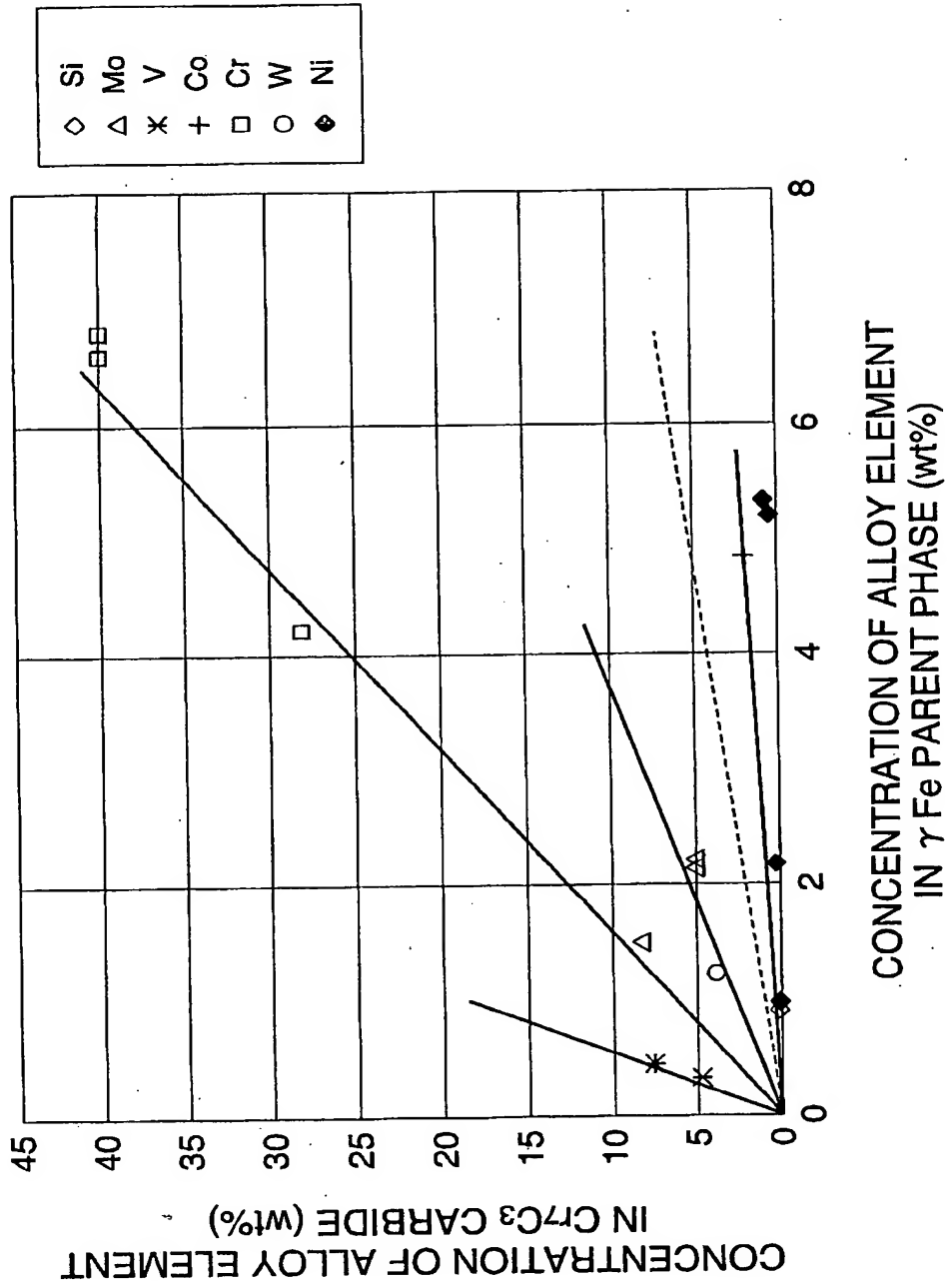


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FIG. 12

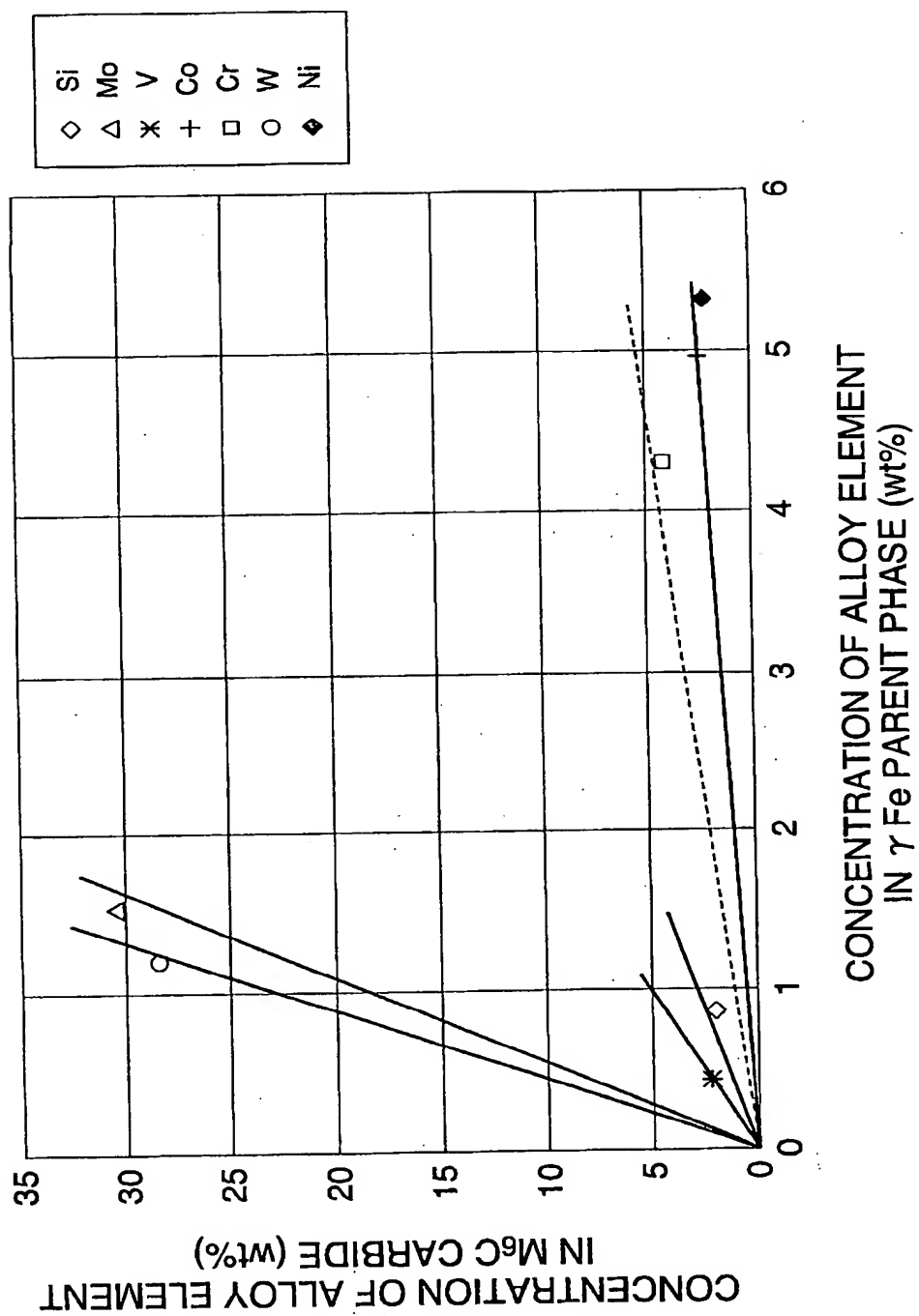
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FIG. 13



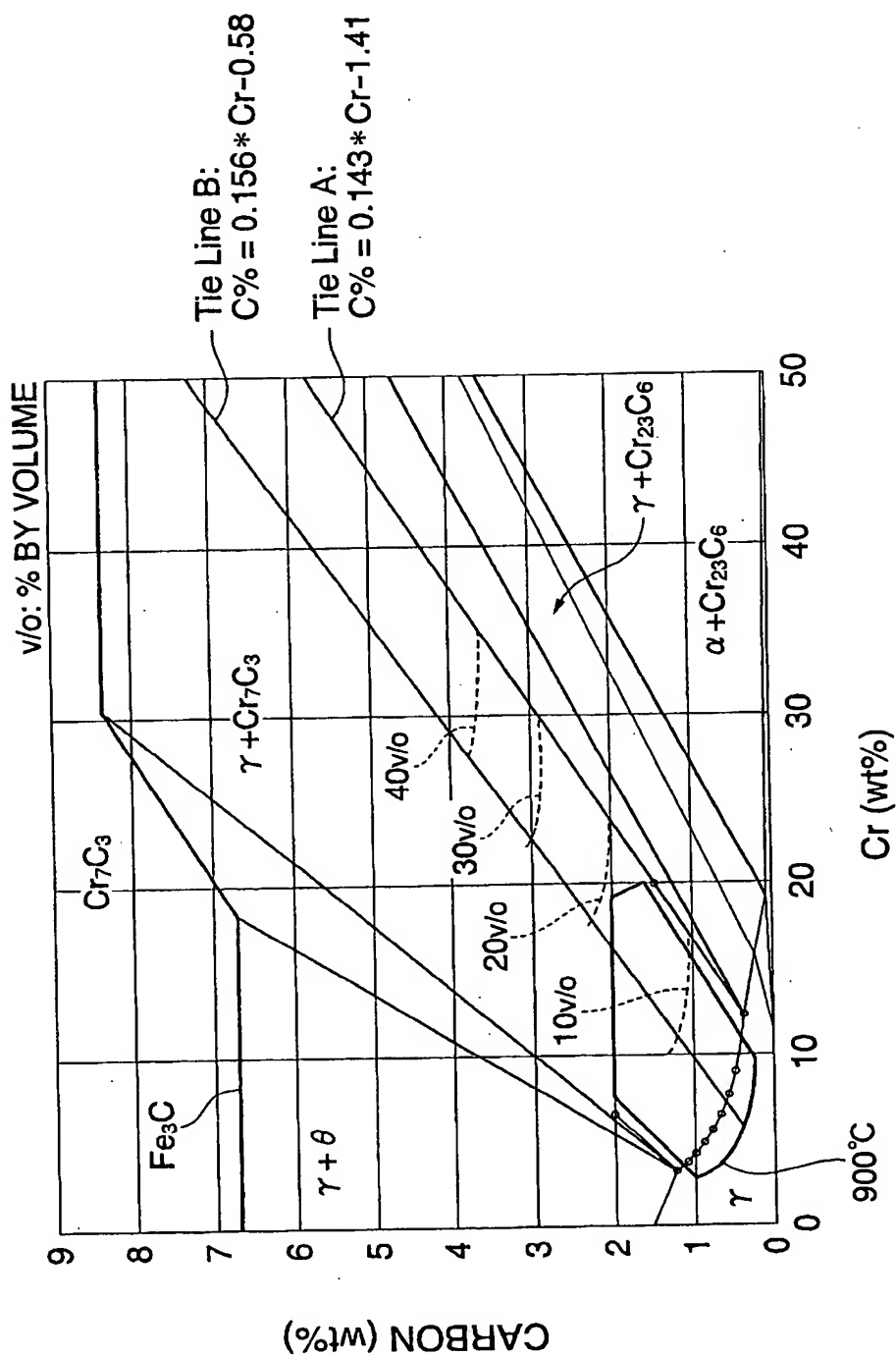
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FIG. 14



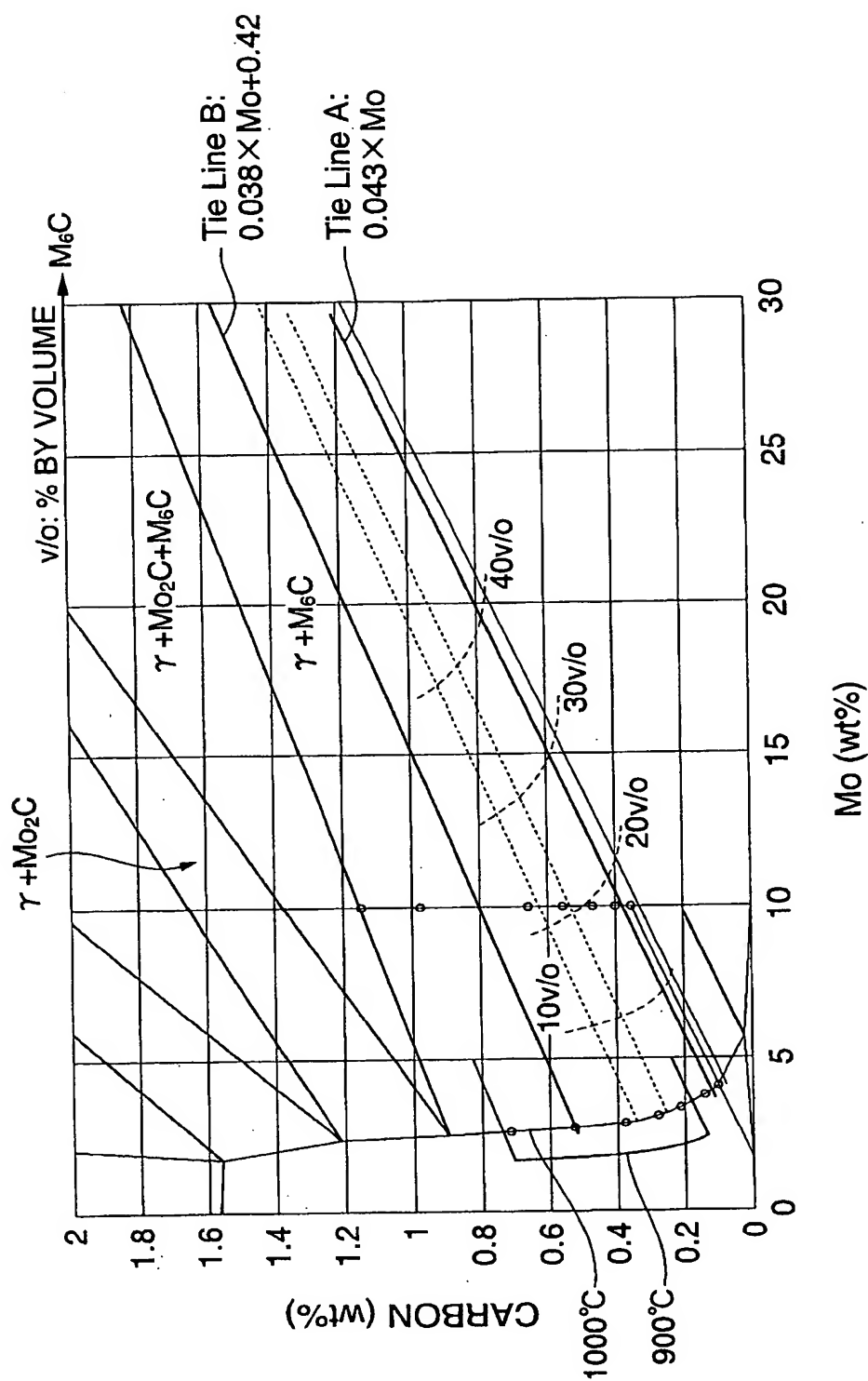
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FIG. 15



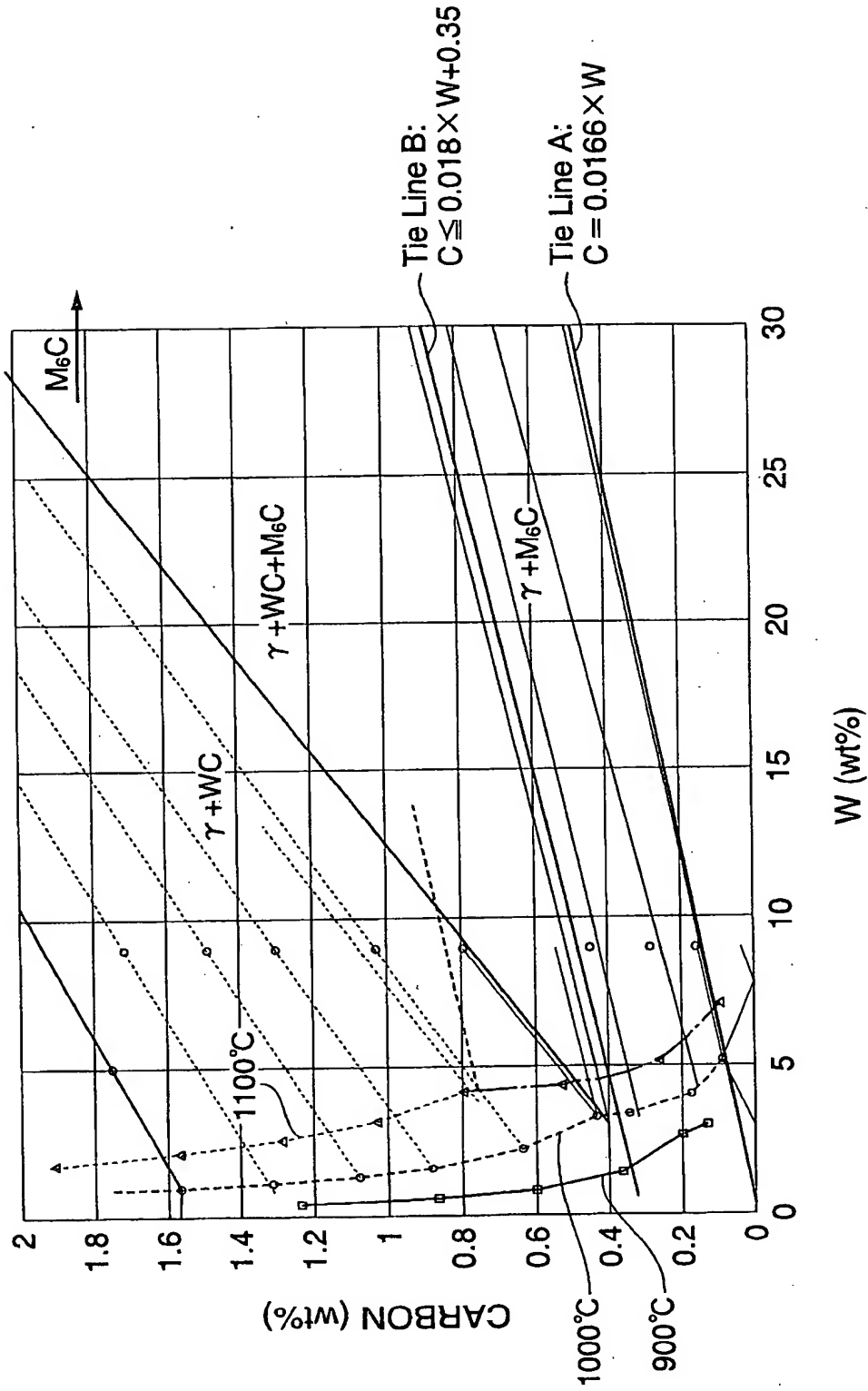
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FIG. 16

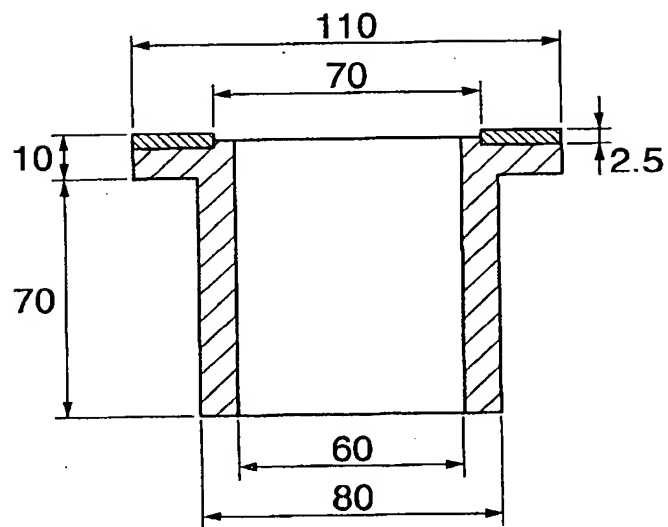


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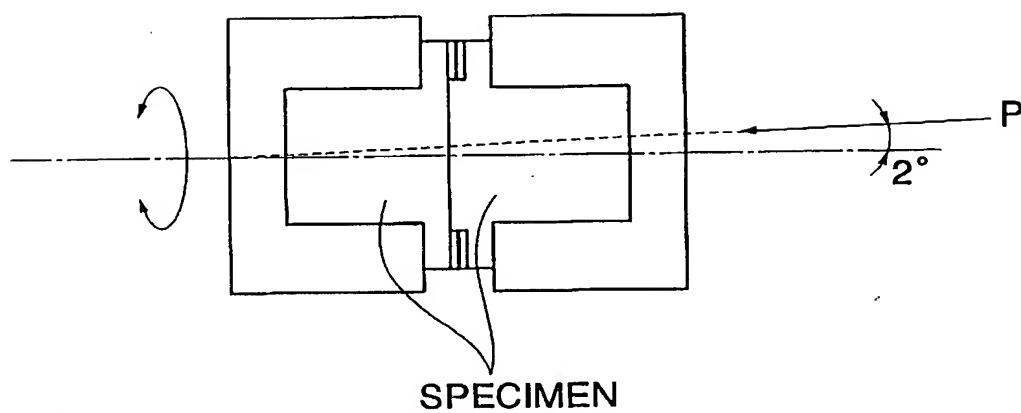
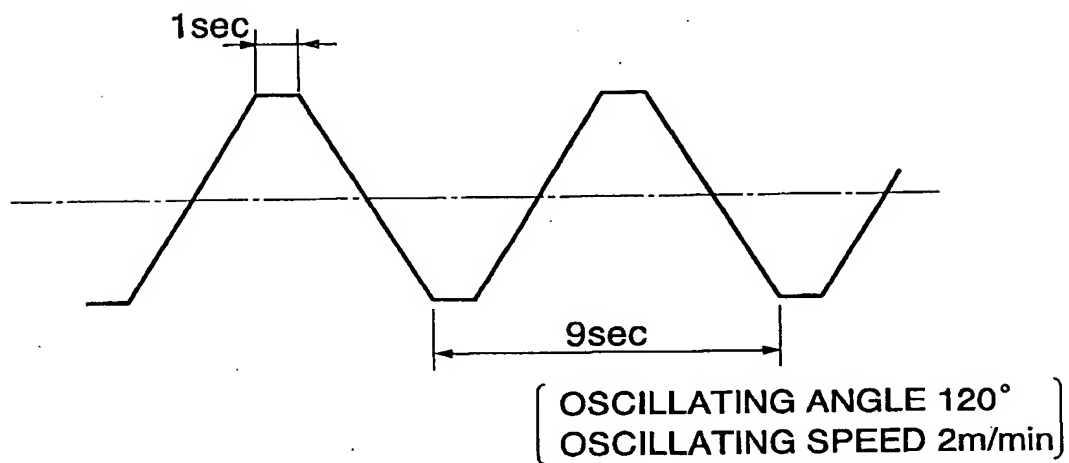
FIG. 17



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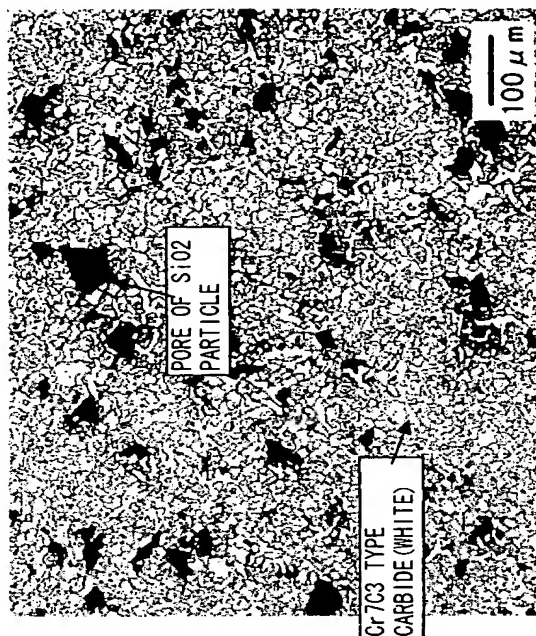
FIG. 18

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FIG. 19A**FIG. 19B**

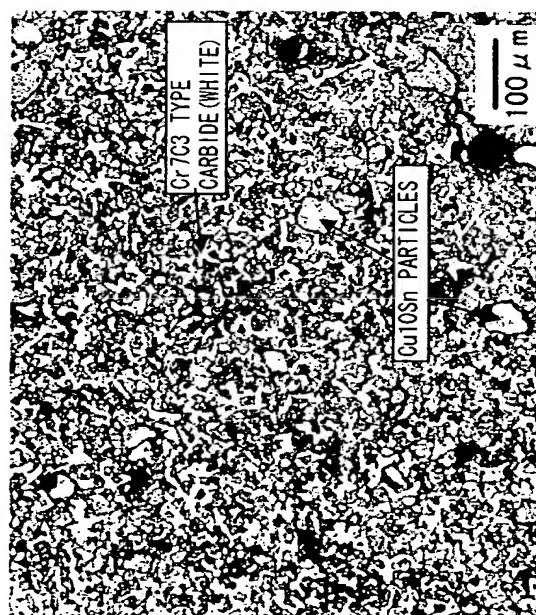
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FIG. 20B



No.28 3C 15Cr3Mo -2.5SiO

FIG. 20A



No.25 3C 15Cr3Mo -10Cu10Sn

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FIG. 21A

AREA (A)
M₆C-TYPE CARBIDE

Element	wt%
W	36.28
Mo	26.71
Cr	2.50
V	2.55
Si	0.60
P	0.40

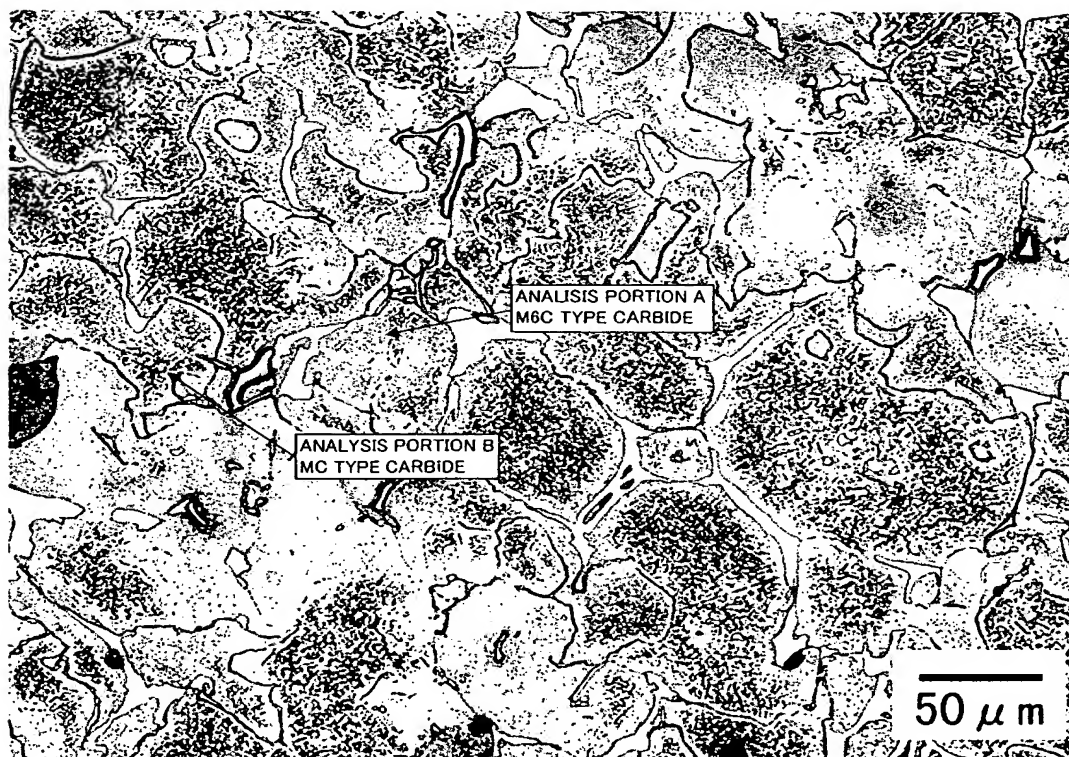
CARBON: 2wt%

FIG. 21B

AREA (B)
MC-TYPE CARBIDE

Element	wt%
W	14.36
Mo	5.02
Cr	14.71
V	46.08
Si	0.01
P	0.01

CARBON: 14wt%

FIG. 21C

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FIG. 22A

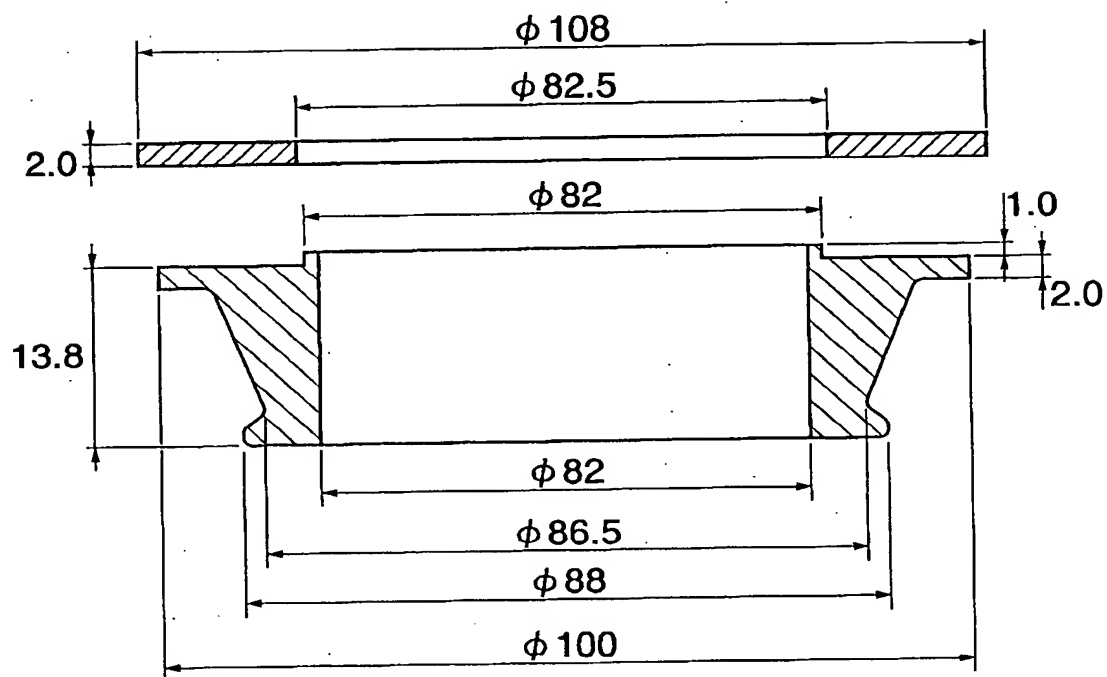
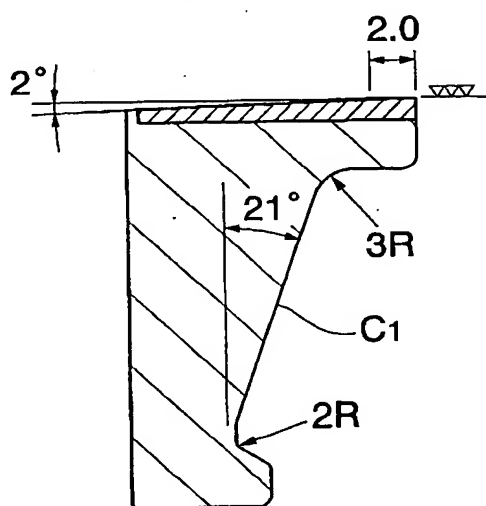
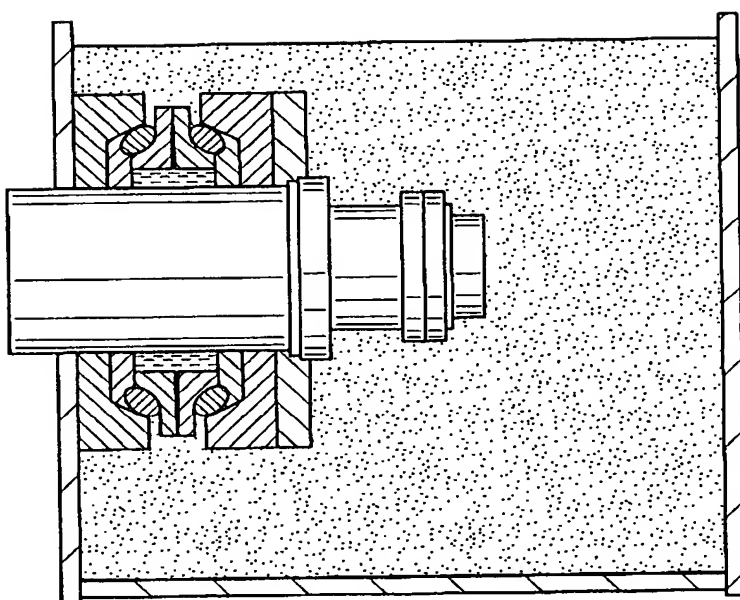


FIG. 22B



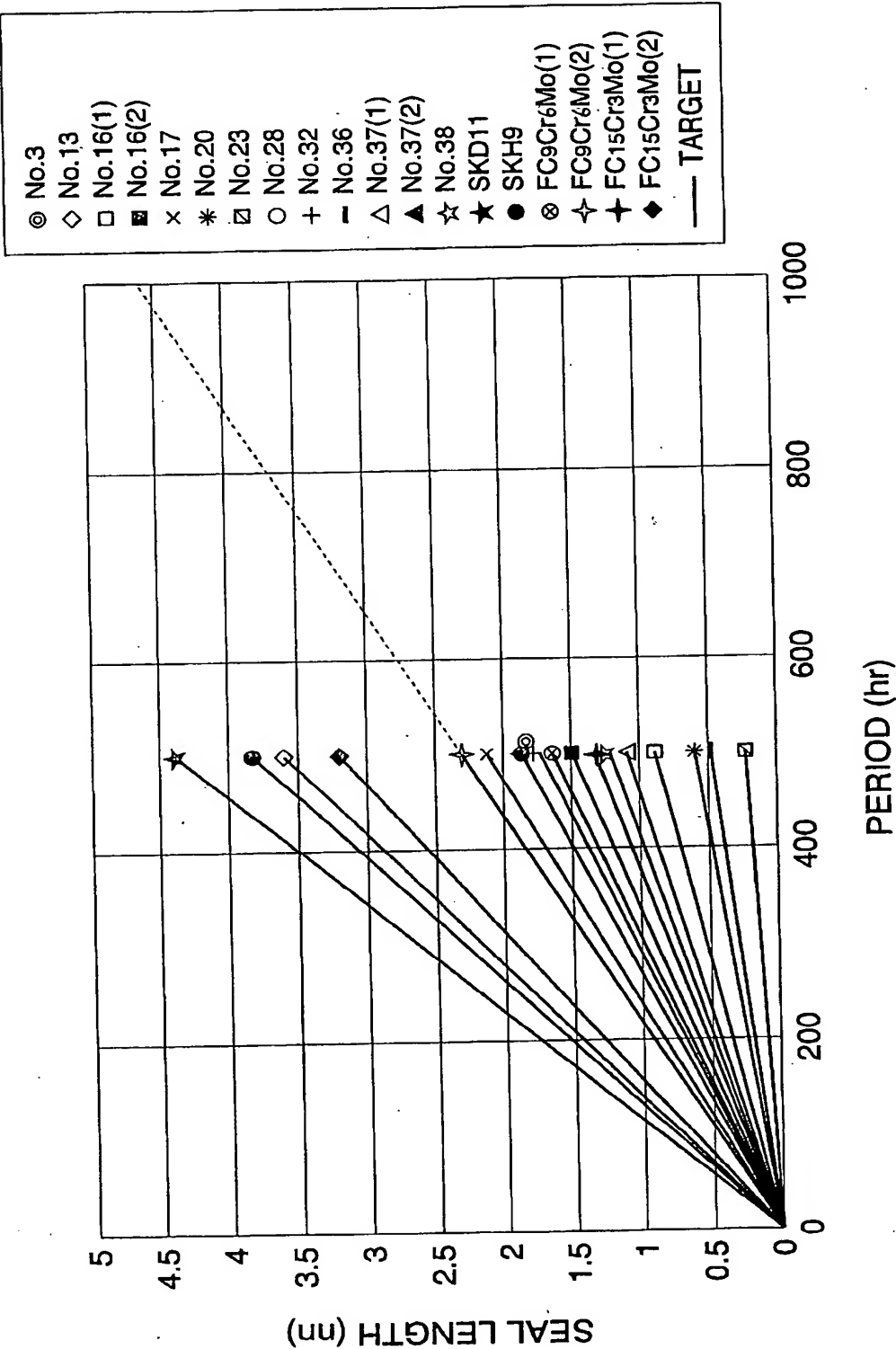
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FIG. 23

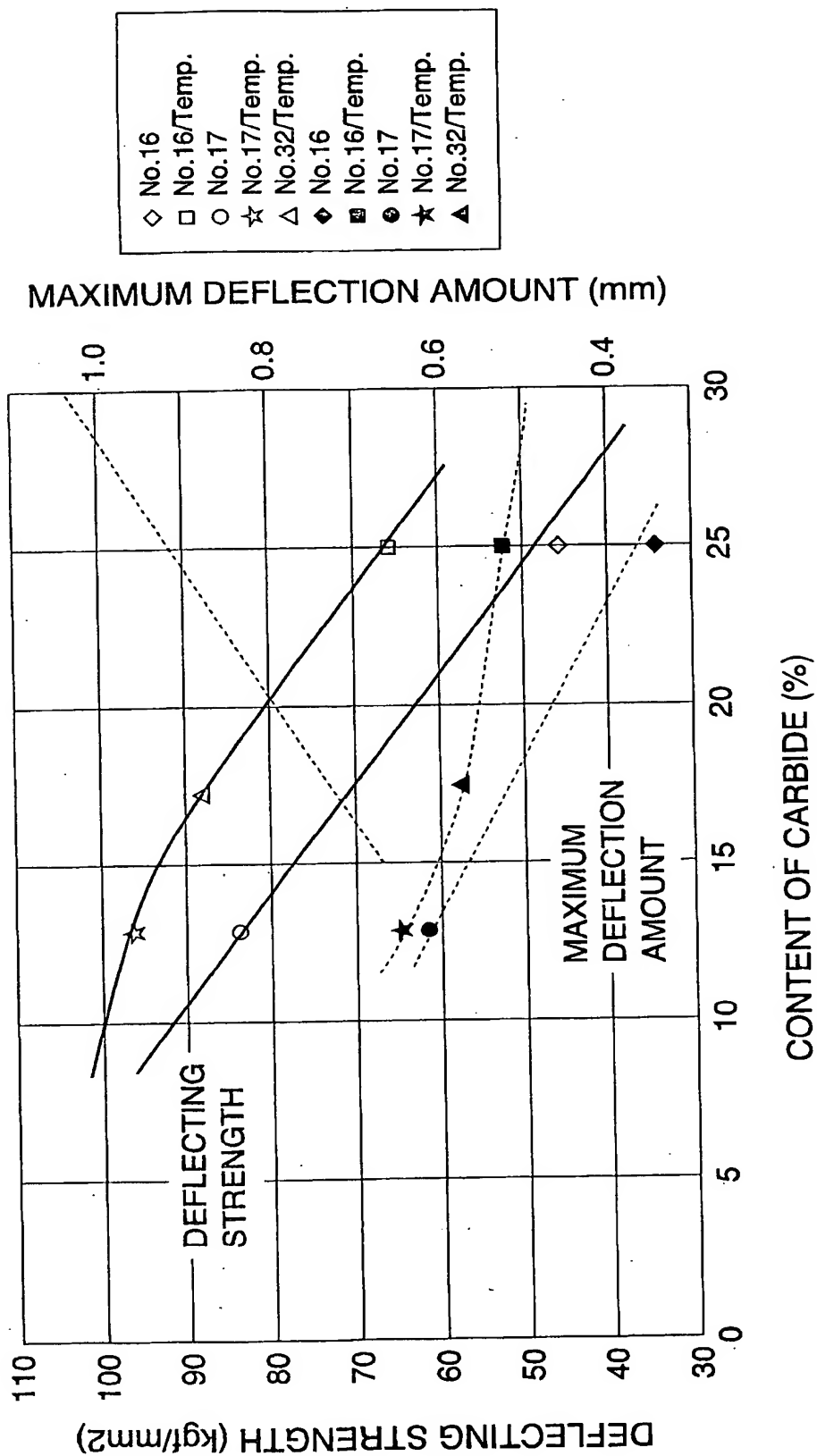
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FIG. 24



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FIG. 25



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